Port Hueneme, California

Indicators Report

by The National Economic Education Delegation (NEED)

April 20, 2024

Exploring the economics, demographics, and well-being of Port Hueneme and its residents through indicators.

This report was produced by the:

National Economic Education Delegation 271 Arias St. San Rafael, CA 94903 415-336-5705 www.NEEDEcon.org Contact: Jon@NEEDEcon.org

Executive Summary

Assessing the City with Indicators

About this Report

This report provides background or summary information for the city of Port Hueneme (the City) in the form of indicators.

Using this Report

Indicators are measures of various aspects of a regional economy. They help to provide an indication of the quality of life in a region and progress toward improving conditions in the local economy. This report focuses on indicators for changing demographics, incomes, housing markets, commute patterns, and employment in Port Hueneme. These indicators are compared to Ventura County (the County) as a whole, a broader region where one is well defined, California, and the United Sates.

This report is vital for understanding trends in the underlying economy. It does not provide forecasts, but Rob Eyler and Jon Haveman at Economic Forensics and Analytics are available to provide them if that is of interest.

Topics Covered:

- **Demographics:** A detailed snopshot of Port Hueneme demographics is presented. This provides evidence on the size, age and sex, income and poverty status, race and ethnicity, housing status, living arrangements, education, health, and transportation choices of the population. Beyond the current population level, data on trends in local population growth, in comparison with other broader regions is presented, in both tabular and graphical form.
- **Employment Report:** Here, we provide a brief snapshot or employment and unemployment in Port Hueneme and how the City's experience differs from broader regions.
- Income and Earnings: Vital to understanding the prosperity of a city relative to its surrounding area is information on income and earnings. We provide a ranking of the City's income relative to all cities in California as well as growth relative to local regions. Inequality and poverty status are also important indicators for the level of equity in the community. We provide evidence of trends in both, not only for all residents, but also for children separately.
- Housing: This section provides evidence on the cost and availability of housing. Both median home values and rental costs are included, along with detailed information on home ownership, by age and income, in particular. Further, evidence is provided on the housing burden in the City, again, in comparison with other broader regions. We also provide evidence on the rate at which new buildings and units are permitted along with a broader housing picture. Finally, we provide evidence on the age of the housing stock in Port Hueneme, along with information on how long the City's residents have been in place.
- Transportation: Increasingly important, in the wake of the pandemic, is an understanding of the transportation patterns and choices of local residents. We provide detailed evidence on the proprotion of residents who work from home and on the various transportation choices of those who head to the office. This information is also provided for those who work in Port Hueneme, but do not necessarily live in Port Hueneme.
- **Migration:** Population changes comes primarily through organic causes: births and deaths. Migration between regions also plays a significant role in population growth. A final section of the report provides evidence on migration into and out of the City.

Contents

Executive Summary Assessing the City with Indicators	1 1
Demographics A Demographic Snapshot	3 3 5
Employment Report Citywide Employment and Unemployment County Employment by Industry Some Employee Detail	8 8 9 10
Per Capita Personal Income Growth	16 16 19
Housing Costs and Affordability Housing Picture Housing Picture Housing Vintage of Residential Housing Housing Occupation of Residential Housing Housing	27
Mode of Transportation Commute Times for Employed Residents Commute Times for Those Employed in the City Place of Work Place of Work Commute Mode by Income	34 36 37 38 40 41
Overall Migration Flows	42 42 44 46

Demographics

Definition:

Data on the demographics of a city indicate the nature of the population, with a focus on age, gender, race and ethnicity, as well as house-hold compositon.

Why is it important?

The characteristics and growth of Port Hueneme's population are fundamental indicators of the city's growth potential.

A Demographic Snapshot

POPULATION Population Estimate (#, 5yr) Veterans (#, 5yr) Foreign born persons (%, 5yr) Population age 25+ (#, 5yr) AGE AND SEX Persons under 5 years (%, 5yr) Persons under 18 years (%, 5yr) Persons 65 years and over (%, 5yr) Female persons (%, 5yr) NCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (%, 5yr)	21,847.0 734.0 24.7 14,863.0 7.1 22.7 13.8 49.0 71,695.0 30,857.0 13.0 978.0	22,156. 1,277. 22. 14,798. 8. 22. 12. 48. 64,126. 25,169.0 12.
Veterans (#, 5yr) Foreign born persons (%, 5yr) Population age 25+ (#, 5yr) AGE AND SEX Persons under 5 years (%, 5yr) Persons 65 years and over (%, 5yr) Persons 65 years and over (%, 5yr) Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (%, 5yr)	734.0 24.7 14,863.0 7.1 22.7 13.8 49.0 71,695.0 30,857.0 13.0	1,277.0 22. 14,798.0 8.3 22. 12. 48.0 64,126.0 25,169.0
Foreign born persons (%, 5yr) Population age 25+ (#, 5yr) AGE AND SEX Persons under 5 years (%, 5yr) Persons of years and over (%, 5yr) Persons 65 years and over (%, 5yr) Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (%, 5yr)	24.7 14,863.0 7.1 22.7 13.8 49.0 71,695.0 30,857.0 13.0	22. 14,798.0 8.3 22. 12.4 48.0 64,126.0 25,169.0
Population age 25+ (#, 5yr) AGE AND SEX Persons under 5 years (%, 5yr) Persons of years and over (%, 5yr) Persons 65 years and over (%, 5yr) Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (%, 5yr)	14,863.0 7.1 22.7 13.8 49.0 71,695.0 30,857.0 13.0	14,798.0 8.3 22.7 12.4 48.0 64,126.0 25,169.0
AGE AND SEX Persons under 5 years (%, 5yr) Persons under 18 years (%, 5yr) Persons 65 years and over (%, 5yr) Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	7.1 22.7 13.8 49.0 71,695.0 30,857.0 13.0	8.3 22.7 12.4 48.0 64,126.0 25,169.0
Persons under 5 years (%, 5yr) Persons under 18 years (%, 5yr) Persons 65 years and over (%, 5yr) Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	22.7 13.8 49.0 71,695.0 30,857.0 13.0	22. 12.4 48.0 64,126.0 25,169.0
Persons under 18 years (%, 5yr) Persons 65 years and over (%, 5yr) Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	22.7 13.8 49.0 71,695.0 30,857.0 13.0	22. 12.4 48.0 64,126.0 25,169.0
Persons 65 years and over (%, 5yr) Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	13.8 49.0 71,695.0 30,857.0 13.0	12.4 48.0 64,126.0 25,169.0
Female persons (%, 5yr) INCOME AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	49.0 71,695.0 30,857.0 13.0	48.0 64,126.0 25,169.0
INCOMÉ AND POVERTY Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	71,695.0 30,857.0 13.0	64,126. 25,169.
Median household income (\$, 5yr) Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	30,857.0 13.0	25,169.
Per capita income in past 12 months (\$, 5yr) Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	30,857.0 13.0	25,169.
Persons in poverty (%, 5yr) Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)	13.0	,
Children age less than 18 in poverty (#, 5yr) Children age less than 18 in poverty (%, 5yr)		12.
Children age less than 18 in poverty (%, 5yr)	978.0	
		624.
	20.0	12.
RACE AND ETHNICITY		
White alone (%, 5yr)	56.0	76.
African American alone (%, 5yr)	2.9	5.
American Indian or Alaska Native alone (%, 5yr)	0.6	0.
Asian alone (%, 5yr)	2.6	3.
Native Hawaiian and Other Pacific Islander alone (%, 5yr)	0.4	0.
Two or More Races (%, 5yr)	26.1	6.
Hispanic or Latino (%, 5yr)	62.9	60.
White alone, not Hispanic or Latino (%, 5yr)	27.3	27.
HOUSING	0 100 0	7 004
Housing units (#, 5yr)	8,182.0 47.0	7,894.
Owner-occupied housing units (%, 5yr)		49.
Median value of owner-occupied housing units (\$, 5yr) Median selected monthly owner costs-with a mortgage (\$, 5yr)	498,100.0 2,335.0	412,200. 2,150.
Median selected monthly owner costs-with a mortgage (\$, 5yr)	2,333.0	2,150.
Median gross rent (\$, 5yr)	1,889.0	1,640.
	1,009.0	1,040.
Households (#, 5yr)	6,984.0	6,627.
Persons per household (#, 5yr)	3.0	3.
Living in same house 1 year ago, % of persons age 1+ (5yr)	87.0	81.
EDUCATION	07.0	51.
High school graduate or higher, % of persons age 25+ (5yr)	77.8	79.
Bachelor's degree or higher, % of persons age 25+ (5yr)	20.1	20.
HEALTH		
With a disability, under age 65 years (#, 5yr)	1,827.0	1,624.
Persons without health insurance, under age 65 years (%, 5yr)	10.0	11.
LABOR FORCE		
In civilian labor force, persons age 16+ (%, 5yr)	69.2	66.
In civilian labor force, women age 16+ (%, 5yr)	60.0	58.
Employed, persons age 16+ (%, 5yr)	55.4	55.
Self employed (%, 5yr)	5.4	5.
TRANSPORTATION Mean travel time to work, workers age 16+ (Mins., 5yr)	24.4	25.
	24.4 83.8	25. 90.
Drive alone in private vehicle (%, 5yr) Using public transportation (%, 5yr)	83.8	90.
Using public transportation (%, syr) Worked from home (%, 5yr)	7.8	3.1

Source: American Community Survey, Summary Files Note: Data are from the 1-year files unless indicated by the notation 5yr.

Current Population

The data in these two tables and the following two graphs are from the CA Department of Finance (DOF). The DOF produces population estimates for geographies around California twice a year: January and July. As estimates for cities are only available in January, these two tables are based on the January data. The remaining figures are from the American Community Survey (ACS), provided annually by the U.S. Bureau of the Census.

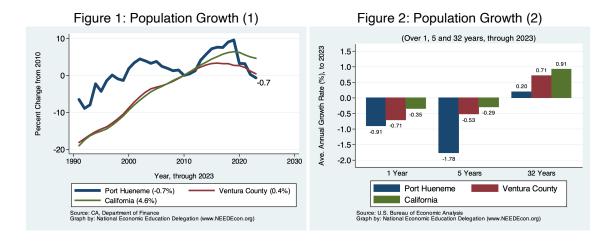
	2023		% Char	nge					
Region	Population	1 Year	3 Year	5 Year					
City									
Port Hueneme	21,356	-0.91	-9.92	-8.62					
County and Broader Regions									
entura County	825,653	-0.71	-1.85	-3.70					
Southern California	21,794,548	-0.41	-2.24	-2.84					
California	38,940,231	-0.35	-1.79	-2.01					

Source: CA DOF; Calculations by National Economic Education Delegation

Table 2. County Population Change by City(Thousands, January to January)

				% Change	
City	2022	2023	Local	Southern California	California
Ventura County	831.5	825.7	-0.71	-0.41	-0.35
Oxnard	199.8	197.5	-1.18		
Simi Valley	124.3	124.2	-0.13		
Thousand Oaks	124.4	123.0	-1.18		
San Buenaventura	107.5	107.3	-0.15		
Camarillo	69.9	69.3	-0.88		
Moorpark	35.4	35.2	-0.65		
Santa Paula	31.1	31.4	0.89		
Port Hueneme	21.6	21.4	-0.91		
Fillmore	16.5	16.9	2.70		
Ojai	7.6	7.5	-0.99		

Source: CA DOF; Calculations by National Economic Education Delegation



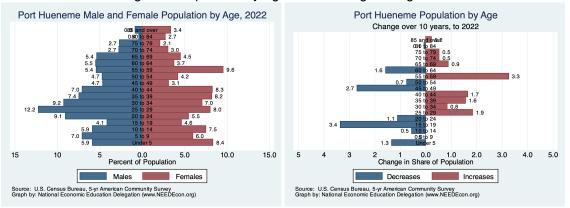
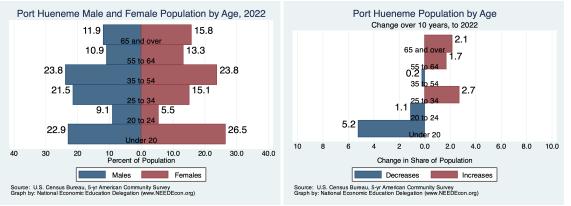
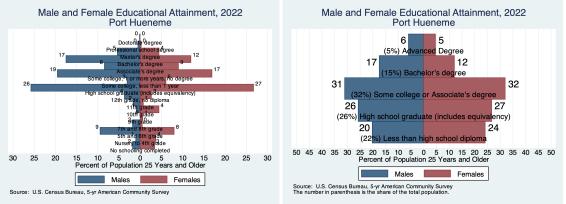


Figure 3: Population by Age - Detailed Age Categories

Figure 4: Population by Age - Broad Age Categories







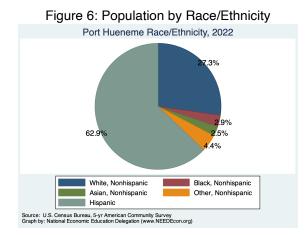
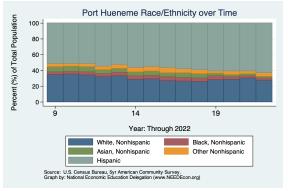


Figure 7: Population by Race/Ethnicity Over Time



Employment Report

Citywide Employment and Unemployment

Definition:

Each month, California's Employment Development Division (EDD) publishes an update on employment in California and in MSAs, counties, and cities all across the state. The report focuses primarily on non-farm employment, providing estimates of changes in employment by industry as well as unemployment in each region. Data for cities is limited to aggregate employment, labor force, and unemployment data. Those are reported below.

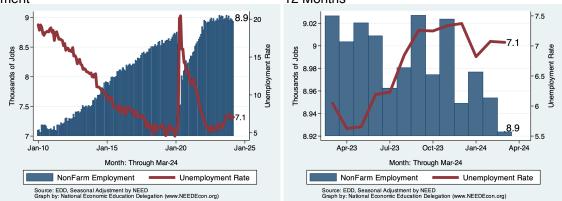
Why is it important?

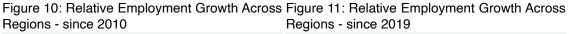
Employment growth is a fundamental indicator of the health of an economy.

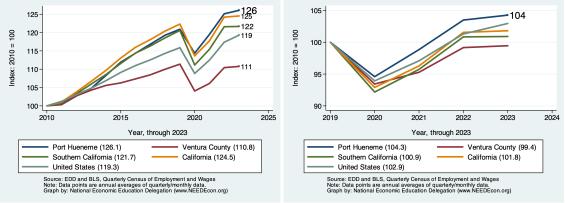
Table 3. Port Hueneme Summary for March, 2024									
	Change From:								
Category	Current Value	Last Month	2 Months Ago	Last Year					
Employment	8,924	-30	-53	-103					
Labor Force	9,644	9	15	96					
Number Unemployed	678	-4	21	97					
Unemployment Rate	7.0	-0.0	0.2	0.9					

Source: EDD, National Economic Education Delegation

Figure 8: Historical Employment and Unemploy- Figure 9: Employment and Unemployment - Last ment 12 Months







County Employment by Industry

California's Employment Development Division (EDD) does not regularly produce data on employment by industry for cities. However, we are able to report industry-level employment data for Ventura County. The following table provides the latest data for the County.

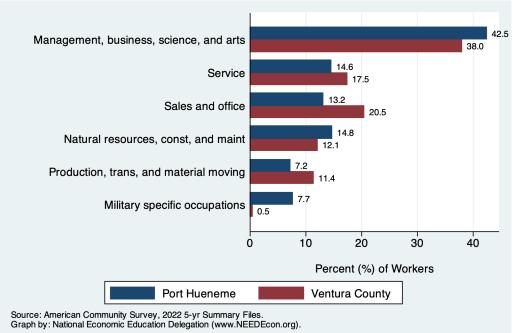
			Empl		% Gr	owth - Ai	nnualized	Rate	
Industry	Employment	Share	Growth	Month	Qtr	6mo	1yr	3yr	5yr
Total Nonfarm	318, 518	100.0	885.4	3.4	3.2	2.4	1.8	2.8	0.5
Total Private	270,414	84.9	490.3	2.2	2.9	2.5	1.8	2.7	0.5
Goods Producing	45,702	14.3	111.8	3.0	-2.9	-0.4	0.0	1.0	0.7
Mining, Logging and Construction	19,018	6.0	102.0	6.7	-3.6	-1.6	1.1	1.9	1.5
Mining and Logging	1,000	0.3	0.0	0.0	0.0	0.0	0.0	3.7	2.2
Construction	17,999	5.7	89.6	6.2	-4.0	-2.1	1.2	1.8	1.4
Manufacturing	26,684	8.4	-44.9	-2.0	-2.4	0.1	-0.7	0.4	0.2
Durable Goods	19,022	6.0	-28.9	-1.8	-2.4	-0.1	0.0	1.3	-0.5
Non-Durable Goods	7,630	2.4	-25.5	-3.9	-2.9	0.7	-2.5	-1.6	2.0
Service Providing	272,807	85.6	787.1	3.5	4.4	2.8	2.2	3.1	0.5
Trade, Trans & Utilities	56,518	17.7	185.1	4.0	4.0	0.5	-0.4	0.7	-0.3
Wholesale Trade	11,564	3.6	-5.2	-0.5	0.7	-1.1	-4.2	-2.0	-1.4
Retail Trade	36,688	11.5	210.0	7.1	7.0	1.4	0.5	0.2	-0.9
Trans & Warehousing	7,433	2.3	54.6	9.3	4.7	2.4	1.4	10.0	7.9
Information	3,579	1.1	56.9	21.2	15.9	-6.7	-7.8	-0.0	-6.7
Financial Activities	15,229	4.8	-22.0	-1.7	2.8	-1.1	-0.6	-1.4	-0.8
Finance & Insurance	10,671	3.4	-1.2	-0.1	-0.4	-2.1	-0.9	-3.1	-1.8
Real Estate & Rental & Leasing	4,575	1.4	-25.7	-6.5	8.0	2.6	0.0	3.2	2.0
Professional & Business Srvcs	44,124	13.9	91.8	2.5	2.0	2.0	1.4	0.5	0.1
Prof, Sci, & Tech	18,463	5.8	-2.1	-0.1	3.8	9.2	5.1	2.8	1.3
Admin & Support Srvcs	16,420	5.2	22.9	1.7	3.1	-2.3	-0.1	-2.1	-2.0
Employment Srvcs	6,327	2.0	85.0	17.6	7.8	2.8	3.1	-4.9	-4.9
Educational & Health Srvcs	56,692	17.8	405.5	9.0	7.9	7.1	8.1	5.3	3.0
Leisure & Hospitality	38,612	12.1	-109.1	-3.3	2.0	2.3	0.8	9.1	0.3
Accommodation & Food Srvcs	33,897	10.6	-123.4	-4.3	3.8	3.1	1.2	8.2	0.7
Other Srvcs	9,747	3.1	5.2	0.6	0.5	0.6	1.0	5.6	-0.0
Government	48,144	15.1	154.2	3.9	5.8	4.3	2.5	3.5	0.4
Federal	7,433	2.3	-3.5	-0.6	2.7	4.2	0.0	-1.3	0.3
State	2,493	0.8	-5.4	-2.6	-8.5	-6.5	-10.3	-2.4	-3.8
Local	38,245	12.0	169.0	5.5	7.5	4.7	4.0	5.1	0.8
County	10,638	3.3	167.1	20.9	16.7	14.2	9.2	5.8	3.2
City	4,171	1.3	-59.7	-15.7	6.8	9.3	4.8	5.3	0.3
Local Government Education	21,016	6.6	6.4	0.4	2.6	0.9	1.4	4.7	-0.0

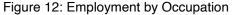
Table 4. Employment Growth by Industry in Ventura County for March, 2024

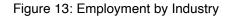
Source: EDD, National Economic Education Delegation (NEED)

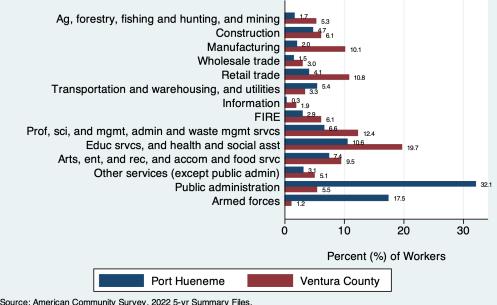
Some Employee Detail

Employed in Port Hueneme









Source: American Community Survey, 2022 5-yr Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org).

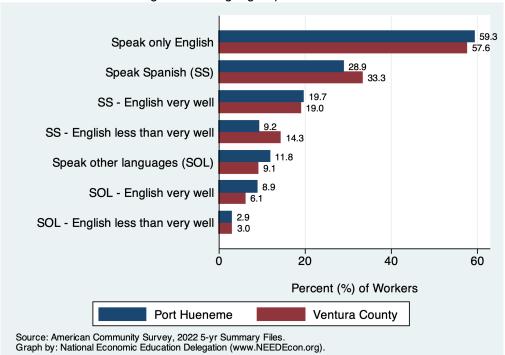


Figure 14: Language Spoken at Home

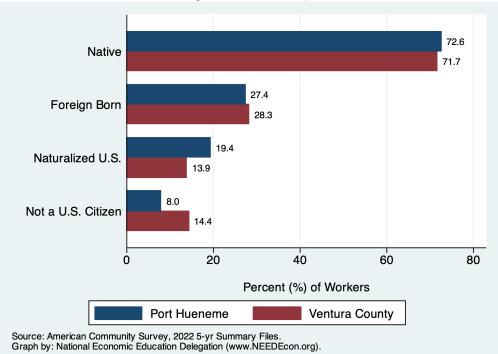


Figure 15: Citizenship

Employed Residents of Port Hueneme

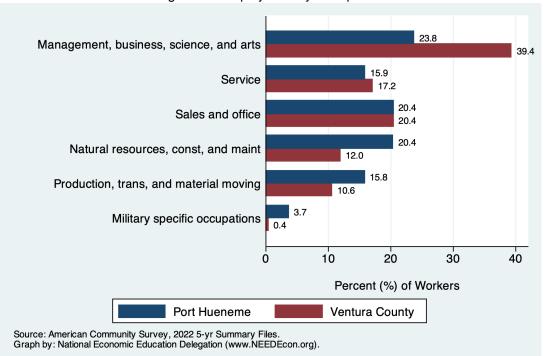
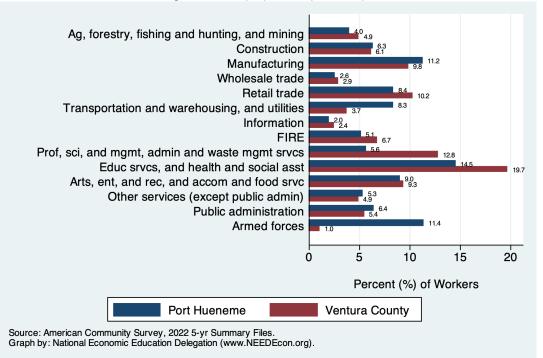
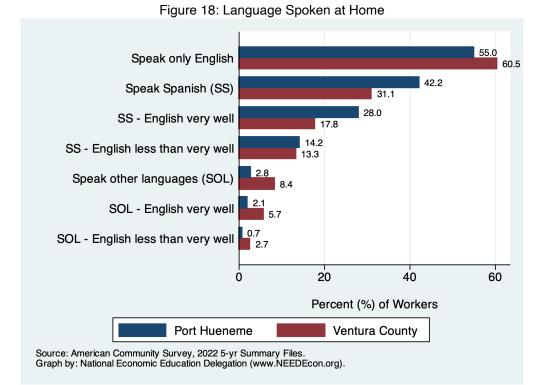


Figure 16: Employment by Occupation

Figure 17: Employment by Industry





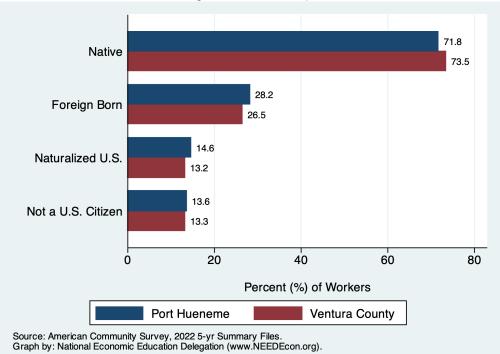


Figure 19: Citizenship

Employed Residents vs Workers in Port Hueneme

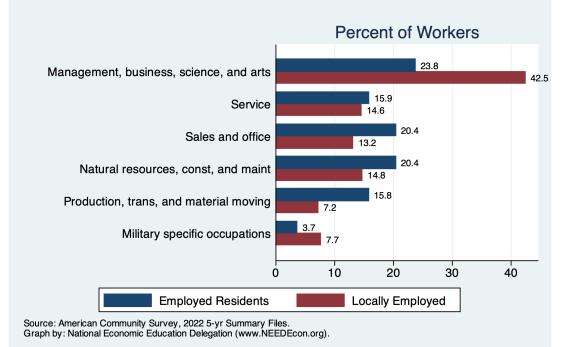
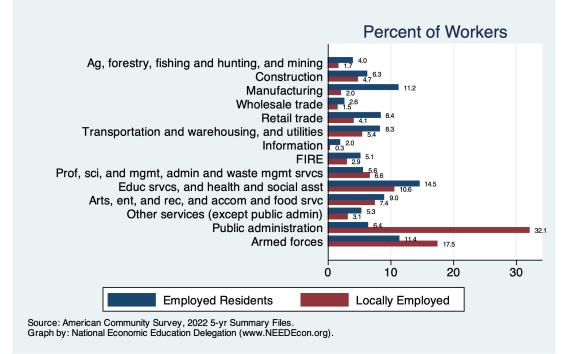


Figure 20: Employment by Occupation

Figure 21: Employment by Industry



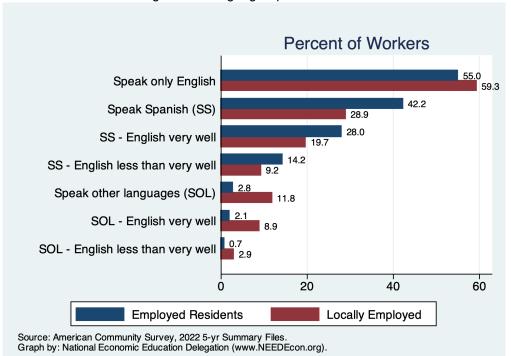


Figure 22: Language Spoken at Home

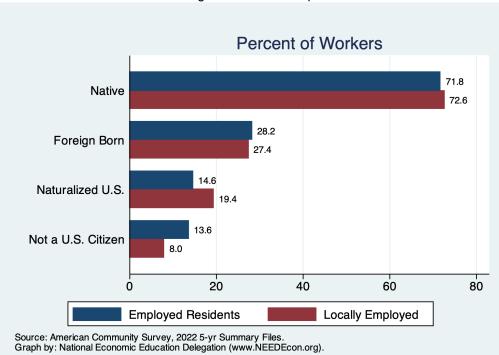


Figure 23: Citizenship

Income and Earnings

Per Capita Income Growth

Definition:

Per capita income is the average income per person in Port Hueneme. Personal income is the income received by, or on behalf of, all persons from all sources: from participation as laborers in production, from owning a home or unincorporated business, from the ownership of financial assets, and from government and business in the form of transfer receipts. Noncash government benefits are not included.

Why is it important?

Income is the money that is available to persons for consumption expenditures, taxes, interest payments, transfer payments to governments and the rest of the world, or for saving. As such, it is an important indicator of economic well-being in a community.

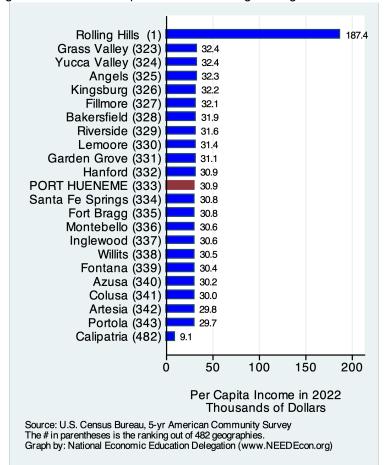


Figure 24: Real Per Capita Income Ranking Among California Cities

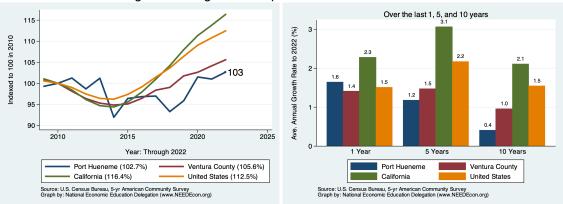
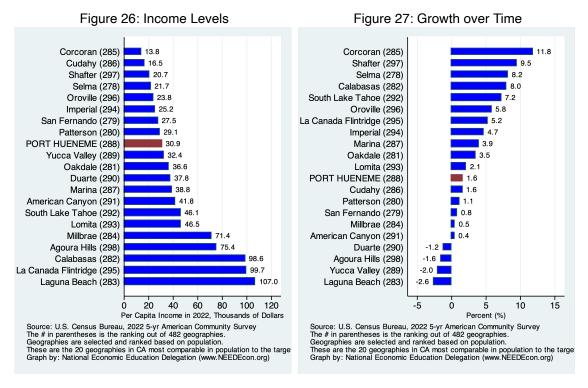
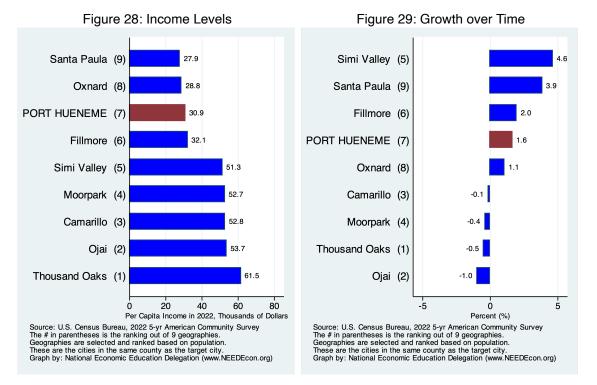


Figure 25: Regional Comparison of Growth over Time

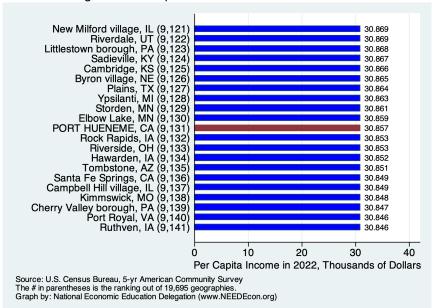
Real Per Capita Income Ranking Among California Cities - w/Comparable Populations





Real Per Capita Income Ranking Among Cities in Ventura County

Figure 30: Comparison with All Cities Nationwide



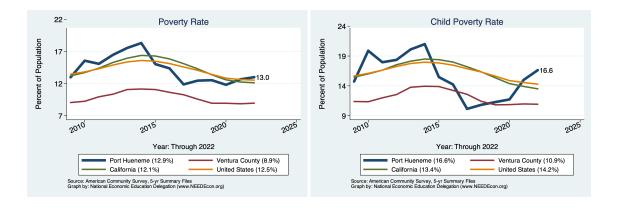
Poverty and Inequality

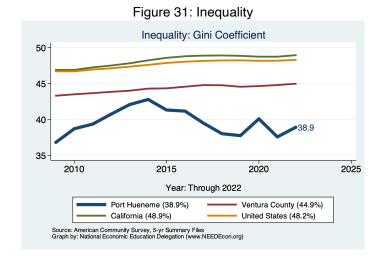
Definition:

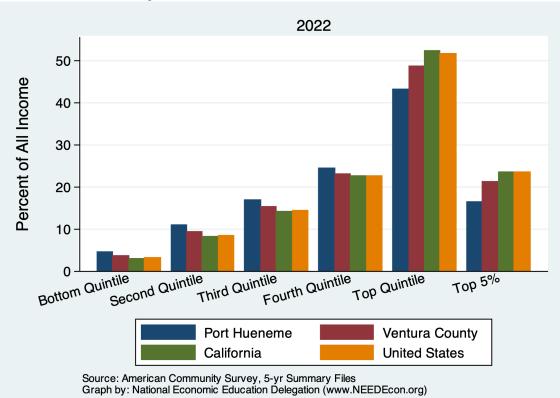
The local poverty rate provides an indication of the well-being of those at the bottom of the income distribution. The federal poverty rate measures the proportion of households in the region that are classified as living in poverty. Also included are measures of the extent to which the City's children are impoverished. Measures of the income distribution provide further evidence on disparities in income in the region and how those disparities have changed over time.

Why is it important?

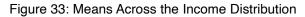
It is important to track measures of poverty and inequality to assess the extent of income disparities in the region, with an eye toward understanding how well the local economy is performing for all of its citizens.

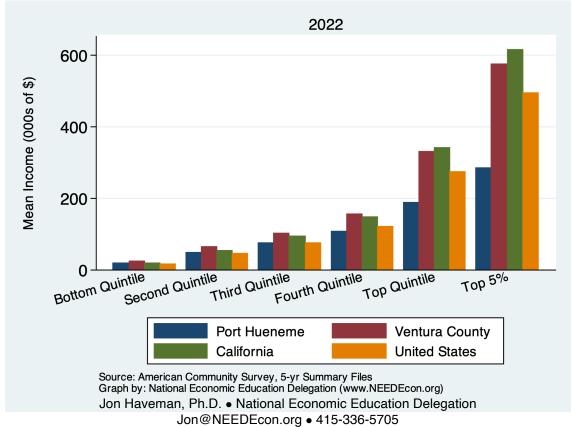












Housing

Housing Costs and Affordability

Definition:

Housing costs are measured in several different ways. First, we provide evidence on the evolution of median home prices, median rental price, and finally through evidence on the housing burden in the city and comparison regions. Housing burden is defined as a household needing to commit more than 30% of their household income toward housing costs. The median value is the amount in the middle. Fifty percent of units are above the median and 50 percent are below.

Why is it important?

Housing is one of three fundamental necessities, along with food and clothing. A measure of the cost of housing is an integral part of the measurement of the cost of living in a specific community. This is particularly true in cities and regions throughout the Bay Area, where housing costs are high relative to income.

Cost of Housing in Port Hueneme and Broader Regions

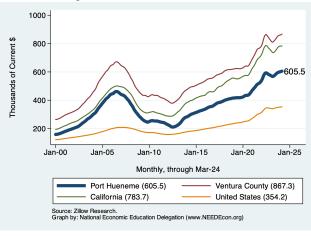
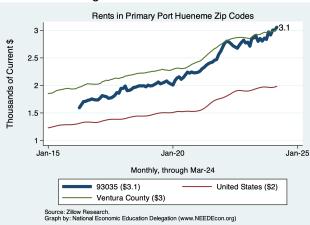
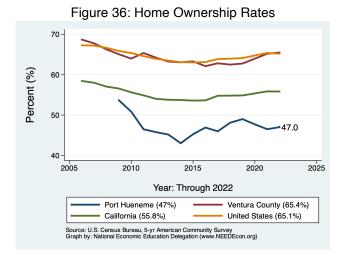


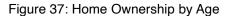
Figure 34: Median Home Prices

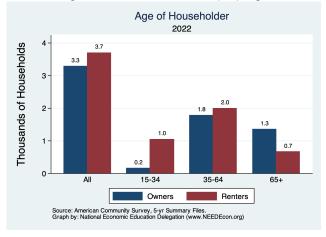


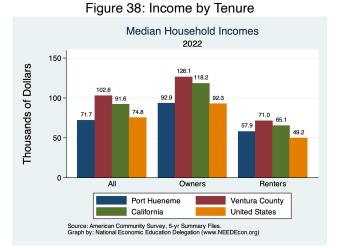




Housing Ownership in Port Hueneme and Broader Regions







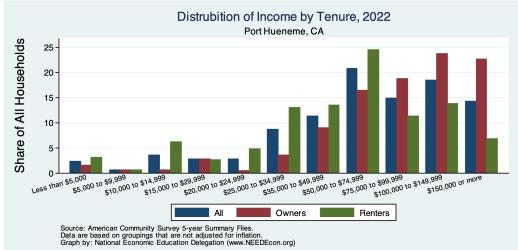
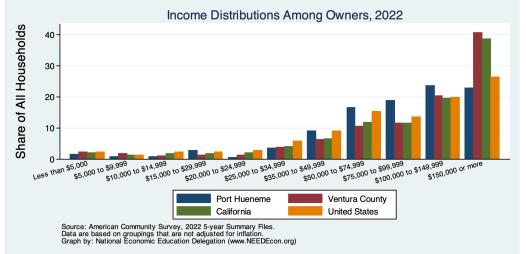
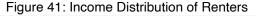
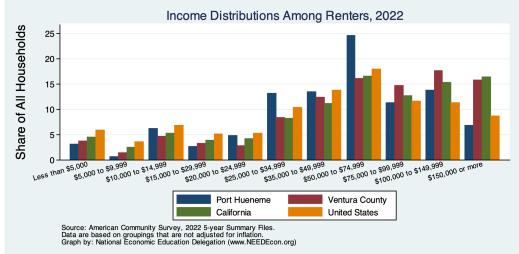


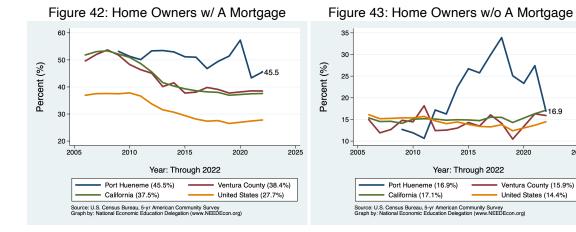
Figure 39: Income Distribution by Tenure









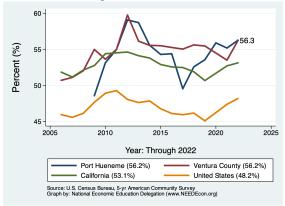


Housing Burden in Port Hueneme and Broader Regions

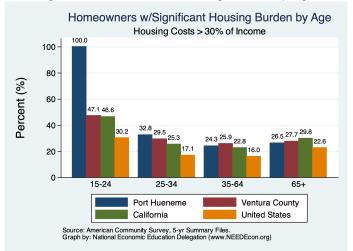
6.9

2025

Figure 44: Renters







Housing Picture

Definition:

Housing costs are measured in several different ways. First, we provide evidence on the evolution of median home prices, median rental price, and finally through evidence on the housing burden in the city and comparison regions. The median value is the amount in the middle. Fifty percent of units are above the median and 50 percent are below.

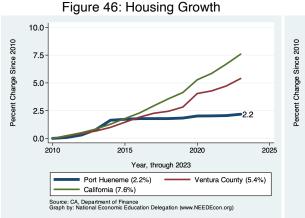
Table 5. Housing Market Indicators

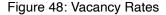
Why is it important?

In areas where the rate of population growth exceeds the rate of housing growth, this is likely to reflect a tightening housing market. A tightening housing market will also likely be reflected in lower vacancy rates and higher occupancy rates. It may also be reflected in higher numbers of people per household.

			% Change fron			
2023	2019	2010	2019	2010		
21,356.0	23,457.0	21,723.0	-9.0	-1.7		
8,308.0	8,280.0	8,131.0	0.3	2.2		
7,380.0	7,727.0	7,080.0	-4.5	4.2		
2.8	2.9	2.9	-5.0	-5.2		
11.2	6.7	12.9	67.2	-13.6		
	21,356.0 8,308.0 7,380.0 2.8	21,356.0 23,457.0 8,308.0 8,280.0 7,380.0 7,727.0 2.8 2.9 11.2 6.7	21,356.0 23,457.0 21,723.0 8,308.0 8,280.0 8,131.0 7,380.0 7,727.0 7,080.0 2.8 2.9 2.9 11.2 6.7 12.9	2023 2019 2010 2019 21,356.0 23,457.0 21,723.0 -9.0 8,308.0 8,280.0 8,131.0 0.3 7,380.0 7,727.0 7,080.0 -4.5 2.8 2.9 2.9 -5.0 11.2 6.7 12.9 67.2		

Source: CA DOF; Calculations by the National Economic Education Delegation





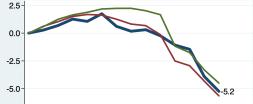


Figure 47: Persons per Household



Source: CA, Department of Finance Graph by: National Economic Education Delegation (www.NEEDEcon.org)

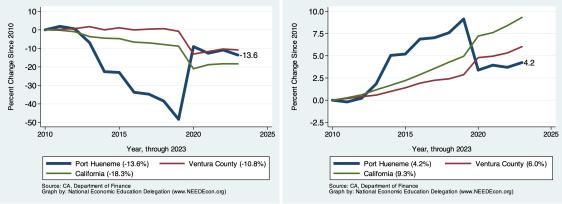
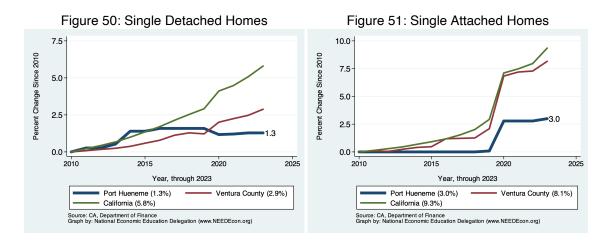
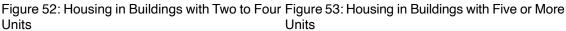
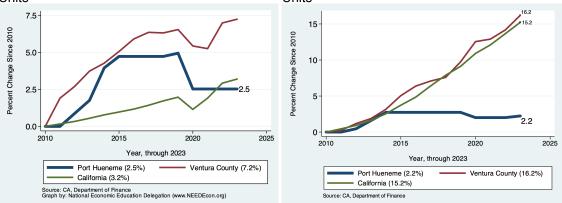


Figure 49: Number of Occupanied Units









Vintage of Residential Housing

Why is it important?

This section provides evidence on the year in which residential housing in Port Hueneme was built. We break it down into owned versus rented residences and provide a comparison across Ventura County and broader regions. A sense of the age of housing in a region provides an indication of the urgency with which a region might pursue additional housing. As the housing stock ages, an urgency with which renovations and rebuilds are permitted might result. All things equal, more recently constructed housing will be more likely to meet current codes and standards. Remodeling of existing units will be more desirable when existing units are, on average, older.

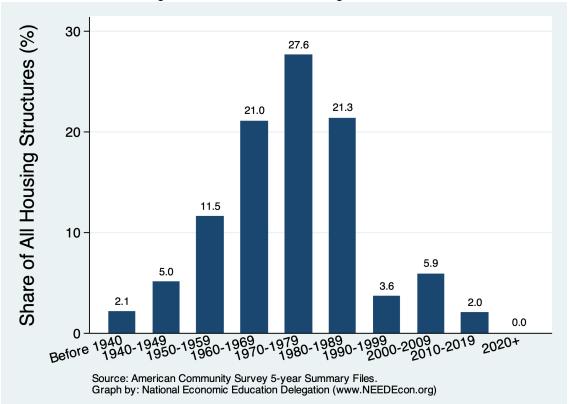


Figure 54: Distribution of Housing Construction

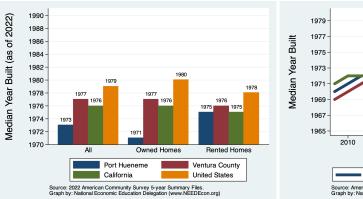
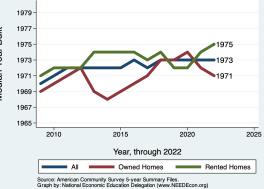


Figure 55: Housing Vintage across Regions

Figure 56: Housing Vintage by Tenure



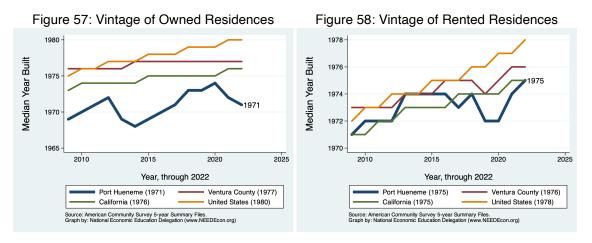
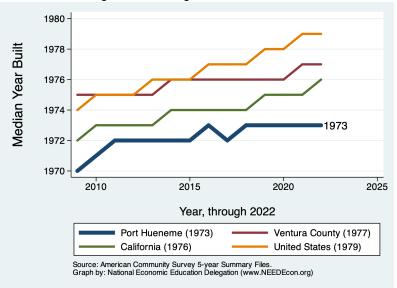


Figure 59: Vintage of All Residences



Occupation of Residential Housing

Why is it important?

The duration of residence in a city is important for developing future policies regarding growing the local population. If a region is highly mobile, evidenced by most residences having been recently occupied, a city might propose policies to reduce that mobility, or ask why the mobility happens. Policies could be put in place to either reduce or increase migration.

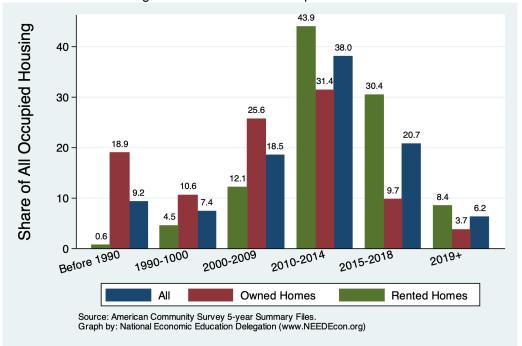


Figure 60: Year Current Occupant Moved In

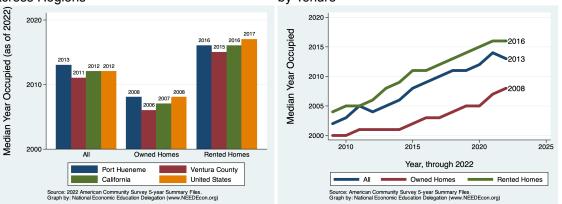


Figure 61: Year Occupied by Current Residents Figure 62: Year Occupied by Current Residents across Regions by Tenure

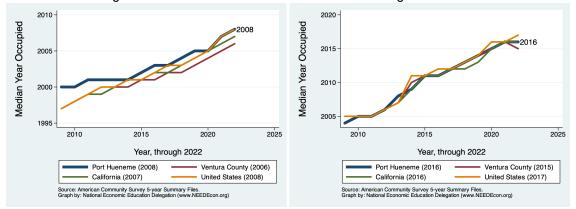
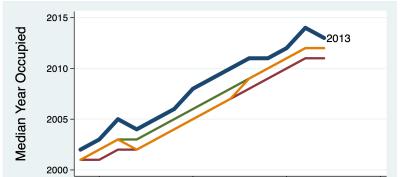


Figure 63: Year Occupied by Current Residents Figure 64: Year Occupied by Current Residents for Owned Housing for Rented Housing



2015

Source: American Community Survey 5-year Summary Files. Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Port Hueneme (2013)

California (2012)

Year, through 2022

20'10

2020

Ventura County (2011)

United States (2012)

2025

Figure 65: Year Occupied by Current Residents for All Housing

Definition:

This indicator provides evidence on the number of residential buildings that are permitted for construction each year. Permit data for Port Hueneme is compared with data from Ventura County as a whole and broader regions. The statistic provided scales the number of permits by population. This is done to facilitate comparisons across regions.

Why is it important?

Building permits are the best indicator available of new units coming on the market. In order for a region's population to grow and flourish, new residential properties must be added to the existing stock. Building, both in the City and in the County more generally, is an indication of the extent to which new residences accommodate new residents or are affecting prices through increased supply.

Port Hueneme - Ranking Among Comparables

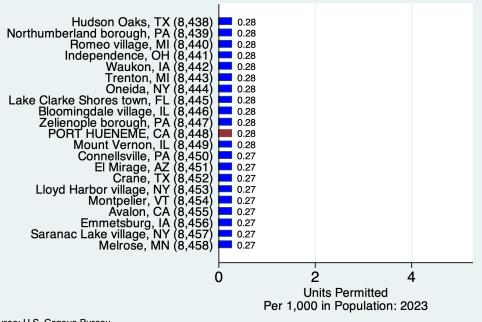


Figure 66: Number of Units Permitted - Nationwide Comparables (Rank)

Source: U.S. Census Bureau

The # in parentheses is the ranking out of 14338 geographies.

Graph by: National Economic Education Delegation (www.NEEDEcon.org)

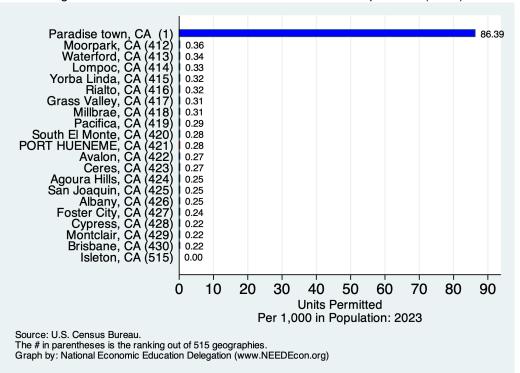


Figure 67: Number of Units Permitted - California Comparables (Rank)

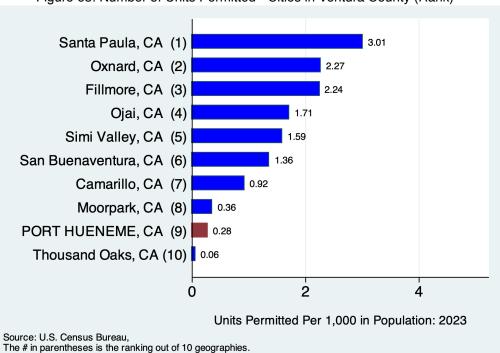


Figure 68: Number of Units Permitted - Cities in Ventura County (Rank)

Jon Haveman, Ph.D. • National Economic Education Delegation Jon@NEEDEcon.org • 415-336-5705

Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Port Hueneme - Permitting Activity

Annual Units Permitted - Per Capita in Port Hueneme

Figure 69: Units Permitted Each Year

Figure 70: Average Annual Growth in Units Permitted





Annual Number of Buildings Permitted - Per Capita in Port Hueneme Figure 72: Average Annual Growth in Build-Figure 71: Units Permitted Each Year ings Permitted

N/A



Annual Value of Property Permitted - Per Capita in Port Hueneme Figure 74: Average Annual Growth in Value Figure 73: Value Permitted Each Year Permitted

N/A



Commute Patterns

During the recovery from the Great Recession, the period from 2010 to 2019, the Bay Area economy, and Silicon Valley in particular, has been growing at a pace roughly double that of the state as a whole and triple that of the nation. This growth has precipitated a tight housing market and also brought about some significant changes in commute patterns, many of which have been reversed by the pandemic. Recent years have seen significant changes in both the mode of transportation and commute times.

Mode of Transportation

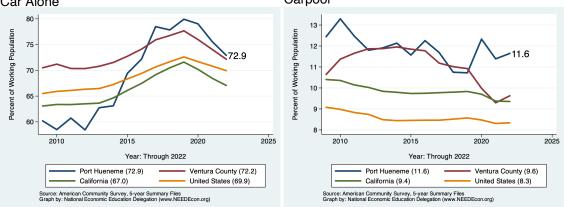
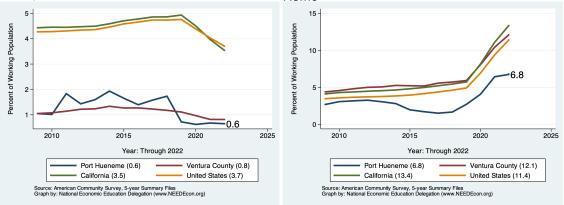


Figure 75: Percent of Workers Commuting by Figure 76: Percent of Workers Commuting by Car Alone Carpool

Figure 77: Percent of Workers using Public Figure 78: Percent of Workers Who Work From Transportation Home



The first table on this page presents data for those who LIVE in Port Hueneme. The second provides data on those who work, but do not necessarily live in Port Hueneme. The final two columns provide for a comparison of commute mode choices of people locally with those in California more broadly.

	Ma	le	Fem	nale	All Wo	All of CA	
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	5,483	85.4	3,783	76.8	9,266	84.6	78.0
Drove Alone	4,803	74.8	3,187	64.7	7,990	72.9	68.4
Carpooled:	680	10.6	596	12.1	1,276	11.6	9.5
In 2-person carpool	536	8.3	381	7.7	917	8.4	6.9
In 3-person carpool	105	1.6	207	4.2	312	2.8	1.5
In 4-or-more-person carpool	39	0.6	8	0.2	47	0.4	1.1
Public Transportation (excl Taxi):	26	0.4	45	0.9	71	0.6	3.6
Bus or Trolley Bus	15	0.2	45	0.9	60	0.5	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	11	0.2	0	0.0	11	0.1	0.3
Railroad	0	0.0	0	0.0	0	0.0	0.2
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	61	1.0	8	0.2	69	0.6	0.7
Walked	276	4.3	125	2.5	401	3.7	2.4
Taxicab, Motorcycle, or other	29	0.5	9	0.2	38	0.3	1.7
Worked at Home	260	4.0	480	9.8	740	6.8	13.6
Total:	6,135	95.5	4,450	90.4	10,585	96.6	

Table 6. SEX OF WORKERS BY MODE OF 1	
TADIE 0. SEA OF WORKERS DT WODE OF I	

Source: 2022 5-year American Community Survey, Summary File

Table 7. SEX OF WORKERS BY MODE OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY

	Male Fe		Fen	-emale All W		rkers	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van:	6,497	84.1	3,786	81.5	10,283	84.7	78.0
Drove Alone	5,998	77.7	3,478	74.8	9,476	78.1	68.5
Carpooled:	499	6.5	308	6.6	807	6.6	9.5
In 2-person carpool	346	4.5	281	6.0	627	5.2	6.9
In 3-person carpool	137	1.8	19	0.4	156	1.3	1.5
In 4-or-more-person carpool	16	0.2	8	0.2	24	0.2	1.1
Public Transportation (excl Taxi):	3	0.0	12	0.3	15	0.1	3.6
Bus or Trolley Bus	3	0.0	12	0.3	15	0.1	2.3
Streetcar or Trolley Car	0	0.0	0	0.0	0	0.0	0.8
Subway or Elevated	0	0.0	0	0.0	0	0.0	0.3
Railroad	0	0.0	0	0.0	0	0.0	0.2
Ferryboat	0	0.0	0	0.0	0	0.0	0.1
Bicycle	57	0.7	17	0.4	74	0.6	0.7
Walked	145	1.9	136	2.9	281	2.3	2.4
Taxicab, Motorcycle, or other	130	1.7	9	0.2	139	1.1	1.7
Worked at Home	260	3.4	480	10.3	740	6.1	13.6
Total:	7,092	91.9	4,440	95.5	11,532	95.0	

Source: 2022 5-year American Community Survey, Summary File

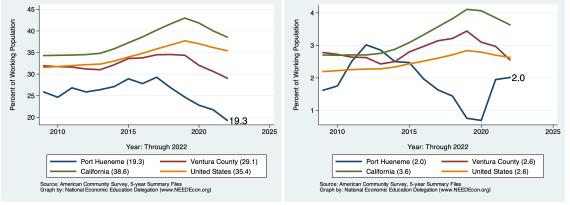
The results in this table are for those who work in the region, regardless of the location of their residence.

Commute Times for Employed Residents

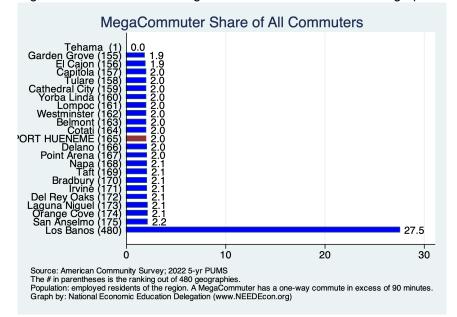
Table 8. SEX OF WORKERS BY TRAVEL TIME TO WORK										
	Ма	le	Ferr	nale	All Wo	All of CA				
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)			
Less than 5 minutes	265	4.2	131	2.7	396	3.7	2.0			
5 to 9 minutes	578	9.3	399	8.2	977	9.2	7.5			
10 to 14 minutes	440	7.1	320	6.6	760	7.1	12.2			
15 to 19 minutes	668	10.7	546	11.2	1,214	11.4	15.0			
20 to 24 minutes	755	12.1	491	10.1	1,246	11.7	14.3			
25 to 29 minutes	1,907	30.6	1,287	26.4	3,194	29.9	6.3			
30 to 34 minutes	577	9.2	418	8.6	995	9.3	15.0			
35 to 39 minutes	150	2.4	124	2.5	274	2.6	2.9			
40 to 44 minutes	53	0.8	42	0.9	95	0.9	4.3			
45 to 59 minutes	154	2.5	84	1.7	238	2.2	8.6			
60 to 89 minutes	179	2.9	62	1.3	241	2.3	7.9			
90 or more minutes	149	2.4	66	1.4	215	2.0	4.0			
Total:	5,875	94.2	3,970	81.6	9,845	92.2				

Source: 2022 5-year American Community Survey, Summary File









Commute Times for Those Employed in the City

Table 9. SEX OF WORKERS BY TRAVEL TIME TO WORK FOR WORKPLACE GEOGRAPHY											
	Ма	Male		nale	All Wo	All of CA					
Mode of Transit	#	(%)	#	(%)	#	(%)	(%)				
Less than 5 minutes	222	2.9	90	2.1	312	2.6	2.0				
5 to 9 minutes	550	7.2	513	11.7	1,063	8.9	7.5				
10 to 14 minutes	478	6.3	395	9.0	873	7.3	12.2				
15 to 19 minutes	998	13.1	513	11.7	1,511	12.6	15.0				
20 to 24 minutes	934	12.3	409	9.3	1,343	11.2	14.3				
25 to 29 minutes	1,840	24.2	1,247	28.5	3,087	25.8	6.3				
30 to 34 minutes	674	8.8	419	9.6	1,093	9.1	15.0				
35 to 39 minutes	56	0.7	72	1.6	128	1.1	2.9				
40 to 44 minutes	154	2.0	28	0.6	182	1.5	4.3				
45 to 59 minutes	339	4.5	195	4.5	534	4.5	8.6				
60 to 89 minutes	431	5.7	69	1.6	500	4.2	7.9				
90 or more minutes	156	2.0	10	0.2	166	1.4	4.0				
Total:	6,832	89.7	3,960	90.5	10,792	90.3					

Source: 2022 5-year American Community Survey, Summary File

The results in this table are for those who work in the region, regardless of the location of their residence.



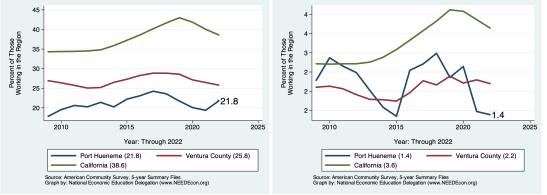
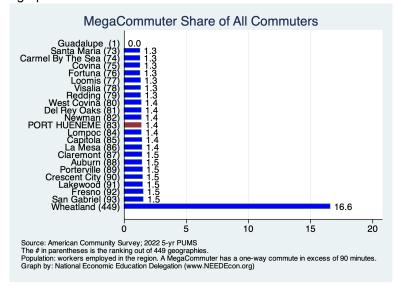


Figure 84: Rank: Share of MegaCommuters Across Similar Geographies



Place of Work

This section provides evidence on where workers living in Port Hueneme work. As evidenced in the first table, some of Port Hueneme's employed workers work in the City, but many do not. The first table and graph pair provide evidence at the county level while the second provide evidence with regard to working outside of the Port Hueneme city boundary.

	Ma	ale	Ferr	nale	All Workers		All of CA	
Place of Work	#	(%)	#	(%)	#	(%)	(%)	
Worked in state of residence:	6,130	95.5	4,443	90.2	10,573	96.5	99.6	
Worked in county of residence	5,626	87.6	4,215	85.6	9,841	89.8	84.1	
worked outside of county of residence	504	7.8	228	4.6	732	6.7	15.4	
Worked outside state of residence	5	0.1	7	0.1	12	0.1	0.4	
Total:	6,135	95.5	4,450	90.4	10,585	96.6		

Table 10. SEX OF WORKERS BY PLACE OF WORK-STATE AND COUNTY LEVEL

Source: 2022 5-year American Community Survey, Summary File

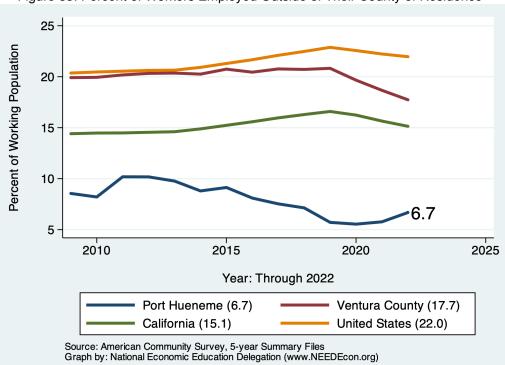


Figure 85: Percent of Workers Employed Outside of Their County of Residence

	Male		Fem	ale	All Workers		All of CA	
Place of Work	#	(%)	#	(%)	#	(%)	(%)	
Living in a place:	6,135	95.5	4,450	90.4	10,585	96.6	95.9	
Worked in place of residence	1,405	21.9	1,120	22.8	2,525	23.0	39.5	
Worked outside place of residence	4,730	73.7	3,330	67.6	8,060	73.5	56.4	
Not living in a place	0	0.0	0	0.0	0	0.0	4.1	
Total:	6,135	95.5	4,450	90.4	10,585	96.6		
0 0000 F 1 1 0								

Table 11. SEX OF WORKERS BY PLACE OF WORK-PLACE LEVEL

Source: 2022 5-year American Community Survey, Summary File

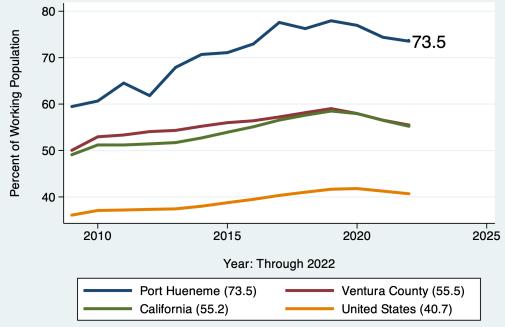


Figure 86: Percent of Workers Employed Outside of Their Place of Residence

Source: American Community Survey, 5-year Summary Files Graph by: National Economic Education Delegation (www.NEEDEcon.org)

Commute Mode by Income

Table 12. MEDIAN EARNINGS IN THE PAST 12 MONTHS BY MEANS OF TRANSPORTATION TO WORK

	City	California		United Sta	tes
	Median	Median	Ratio	Median	Ratio
Car, truck, or van - drove alone	37,758	48,566	100.5	46,171	100.0
Car, truck, or van - carpooled	29,449	36,463	104.4	34,487	104.4
Public transportation (excluding taxicab)	29,306	40,179	94.3	45,100	79.4
Walked	42,762	29,366	188.3	27,142	192.6
Taxicab, motorcycle, bicycle, or other means		40,433		36,140	
Worked from home	45,504	75, 153	78.3	67, 180	82.8
Total:	37,705	48,747	77.3	46,099	81.8

Source: 2022 5-year American Community Survey, Summary File

Notes: 1) Ratio = the ratio of the regional median to either the CA or US median, relative to the Total ratio.

Values above 100 imply a high local median. Values below 100 imply a low local median.

For example, a value of 200 means that the local mean is 2x higher than would be expected.

For "Total:", ratio is simply the ratio of the medians.

2) For regions with more than one geography, the medians are averages weighted by working population.

Table 13. MODE OF TRANSPORTATION TO WORK BY WORKERS' EARNINGS

	< \$25	5,000	\$25,000	-\$74,999	\$75,0)00+	Al	I	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	2,146	51.9	2,706	72.5	1,521	82.5	7,990	72.9	68.4
Car, Truck, or Van: Carpooled	406	9.8	477	12.8	62	3.4	1,276	11.6	9.5
Public Transportation (excl Taxi)	3	0.1	0	0.0	14	0.8	71	0.6	3.6
Walked	108	2.6	198	5.3	38	2.1	401	3.7	2.4
Taxicab, Motorcycle, or other	15	0.4	34	0.9	40	2.2	107	1.0	2.4
Worked at Home	195	4.7	317	8.5	168	9.1	740	6.8	13.6
Total:	2,873	69.5	3,732		1,843		10,585	96.6	100.0

Source: 2022 5-year American Community Survey, Summary File

Table 14. MODE OF TRANSPORTATION TO WORK BY WORKERS' EARNINGS FOR WORKPLACE GEOGRAPHY

	< \$25,000		\$25,000	-\$74,999	\$75,000+		All		All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	1,370	41.0	2,968	66.7	3,962	88.4	9,476	78.1	68.5
Car, Truck, or Van: Carpooled	177	5.3	347	7.8	206	4.6	807	6.6	9.5
Public Transportation (excl Taxi)	15	0.4	0	0.0	0	0.0	15	0.1	3.6
Walked	103	3.1	123	2.8	42	0.9	281	2.3	2.4
Taxicab, Motorcycle, or other	23	0.7	64	1.4	102	2.3	213	1.8	2.4
Worked at Home	195	5.8	317	7.1	168	3.8	740	6.1	13.6
Total:	1,883	56.4	3,819	85.8	4,480		11,532	95.0	

Source: 2022 5-year American Community Survey, Summary File

The results in this table are for those who work in the region, regardless of the location of their residence.

Commute Mode by Poverty Status

Table 15. MODE OF TRANSPORTATION TO WORK BY POVERTY STATUS

	In Po	In Poverty		100-149% of Pov		>150% of Pov		All	
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	384	47.5	504	55.4	6,712	77.1	7,600	76.0	68.7
Car, Truck, or Van: Carpooled	97	12.0	50	5.5	1,025	11.8	1,172	11.7	9.5
Public Transportation (excl Taxi)	0	0.0	9	1.0	53	0.6	62	0.6	3.6
Walked	15	1.9	18	2.0	187	2.1	220	2.2	2.1
Taxicab, Motorcycle, or other	0	0.0	9	1.0	75	0.9	84	0.8	2.4
Worked at Home	0	0.0	76	8.4	658	7.6	734	7.3	13.6
Total:	496	61.4	666	73.3	8,710		9,872	98.8	

Source: 2022 5-year American Community Survey, Summary File

Table 16. MODE OF TRANSPORTATION TO WORK BY POVERTY STATUS FOR WORKPLACE GEOGRAPHY

	In Pe	overty	100-14	9% of Pov	>150%	of Pov	AI	l	All of CA
Mode of Transit	#	(%)	#	(%)	#	(%)	#	(%)	(%)
Car, Truck, or Van: Drove Alone	212	49.8	395	61.0	8,687	83.9	9,294	82.1	68.7
Car, Truck, or Van: Carpooled	49	11.5	56	8.6	666	6.4	771	6.8	9.5
Public Transportation (excl Taxi)	0	0.0	12	1.9	0	0.0	12	0.1	3.6
Walked	15	3.5	18	2.8	145	1.4	178	1.6	2.1
Taxicab, Motorcycle, or other	9	2.1	16	2.5	165	1.6	190	1.7	2.4
Worked at Home	0	0.0	76	11.7	658	6.4	734	6.5	13.6
Total:	285	66.9	573	88.4	10,321	99.7	11,179	98.8	

Source: 2022 5-year American Community Survey, Summary File

The results in this table are for those who work in the region, regardless of the location of their residence.

Migration

Overall Migration Flows

Definition:

The United States is a country with an increasingly mobile population. People move, migrate, from one place to another with increasing frequency.

Why is it important?

Having a handle on whether or not Port Hueneme is a net recipient (migration inflows) or donor (migration outflows) of population is very important for understanding trends in the City's development. This section outlines migration patterns by age, education, income, marital status, and housing tenure. Understanding recent trends is very important for making policy, investment, and other decisions about the future. Also, understanding the extent to which the population is stable, or experiences significant turnover each year is helpful for planning purposes.

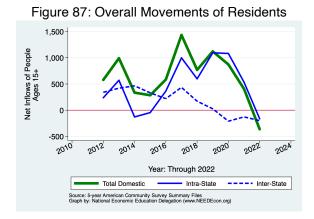


Table 17: Migration by Income

		Net Inflows							
			Same	e State		-			
			W/in	Between	Across	From			
Category	Population	All Migration	County	Counties	States	Abroad			
No income	2,234	-218	-105	-87	-33	7			
With income	15, 181	8	-91	119	-166	146			
\$1 to \$9,999 or loss	1,666	-129	-48	-50	-33	2			
\$10,000 to \$14,999	1,909	31	32	44	-57	12			
\$15,000 to \$24,999	2,013	25	-67	17	25	50			
\$25,000 to \$34,999	2,568	-49	-131	14	41	27			
\$35,000 to \$49,999	2,441	201	151	85	-64	29			
\$50,000 to \$64,999	1,466	-116	23	-96	-63	20			
\$65,000 to \$74,999	793	12	-66	62	16	0			
\$75,000 or more	2,325	33	15	43	-31	6			
All:	17,415	-210	-196	32	-199	153			

Source: 2022 5-year American Community Survey, Summary File

Note: The data in this and other tables in this section are limited in that there is no information on the City's population that has moved abroad.

The "From Abroad" column is gross movements into the City from abroad.

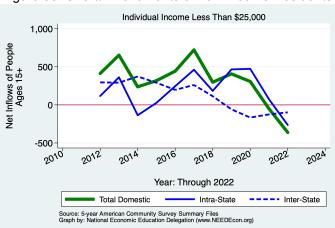
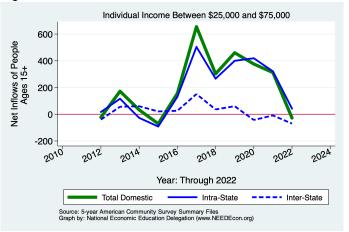
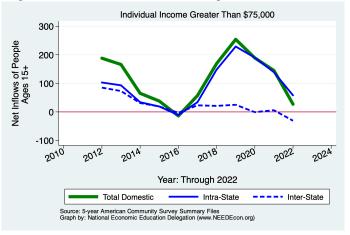


Figure 88: Overall Movements of Low Income Residents

Figure 89: Overall Movements of Middle Income Residents







Demographics of Migration Flows

Table 18: Migration by Marital Status

	Net Inflows								
			Same	e State		-			
Category	Population	All Migration	W/in County	Between Counties	Across States	From Abroad			
Never married	6,996	408	97	232	17	62			
Now married, except separated	7,323	-475	-252	-257	-42	76			
Divorced	1,885	-122	6	24	-167	15			
Separated	212	-40	-18	0	-22	0			
Widowed	999	19	-29	33	15	0			
Total:	17,415	-210	-196	32	-199	153			

Source: 2022 5-year American Community Survey, Summary File

Table 19: Migration by Tenure

Net Inflows Same State							
			Same W/in	e State Between	Across	From	
Category	Population	All Migration	County	Counties	States	Abroad	
Householder lived in owner-occupied housing units	10,491	-655	-210	-39	-414	8	
Householder lived in renter-occupied housing units	10, 120	-132	-16	-117	-31	32	
Total:	20,611	-787	-226	-156	-445	40	

Source: 2022 5-year American Community Survey, Summary File

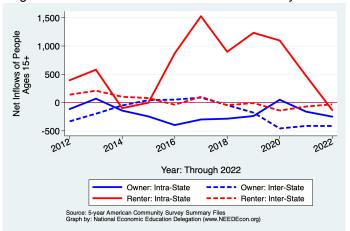


Figure 91: Domestic Movements of Residents by Tenure

Table 20: Migration by	Age
------------------------	-----

		Net Inflows							
			Same	e State		-			
			W/in	Between	Across	From			
Category	Population	All Migration	County	Counties	States	Abroad			
1 to 4 years	1,133	-172	-29	-139	-14	10			
5 to 17 years	3,405	-112	-63	-10	-39	0			
18 and 19 years	431	138	97	9	28	4			
20 to 24 years	1,598	178	0	59	52	67			
25 to 29 years	2,223	41	-2	112	-91	22			
30 to 34 years	1,782	-29	66	-154	36	23			
35 to 39 years	1,704	-132	-17	-149	16	18			
40 to 44 years	1,673	-28	-53	46	-21	0			
45 to 49 years	855	-1	52	22	-75	0			
50 to 54 years	972	-155	-67	24	-116	4			
55 to 59 years	1,629	-59	-65	32	-33	7			
60 to 64 years	1,008	-49	-27	-14	-8	0			
65 to 69 years	1,079	46	-3	49	0	0			
70 to 74 years	628	-13	-40	0	27	0			
75 years and over	1,310	-125	-117	-4	-12	8			
Total Population:	21,430	-472	-268	-117	-250	163			

Source: 2022 5-year American Community Survey, Summary File

Table 21: Migration by Educational Attainment

		Net Inflows				
		Same State			-	
			W/in	Between	Across	From
Category	Population	All Migration	County	Counties	States	Abroad
Less than high school graduate	3,293	-30	-102	79	-15	8
High school graduate (includes equiv)	3,895	-15	-9	9	-27	12
Some college or assoc. degree	4,685	-326	-61	-177	-122	34
Bachelor's degree	2,192	-106	-82	62	-90	4
Graduate or professional degree	798	-27	-19	-9	-23	24
Total:	14,863	-504	-273	-36	-277	82

Source: 2022 5-year American Community Survey, Summary File

Table 22: Median Income of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago	32,302	32,302
Moved Within Same County	35,379	27,772
Moved to Different County, Same State	38,569	25,278
Moved Between States	32,432	35,833
Moved from Abroad	27,750	
Total Population:	32,537	31,614

Source: 2022 5-year American Community Survey, Summary File

Table 23: Median Age of Migration Flows

Flow	In-Migration	Out-Migration
Same House 1 Year Ago	36.9	36.9
Moved Within Same County	29.7	33.3
Moved to Different County, Same State	32.7	31.4
Moved Between States	23.6	26.8
Moved from Abroad	25.2	
Total Population:	35.3	35.8

Source: 2022 5-year American Community Survey, Summary File

References and Sources

The majority of the data presented in this report are from the American Community Survey (ACS). For larger geographies, the 1-year Summary Files provide the data. For smaller communities, roughly those with less than 65,000 in population in 2021, the 5-year Summary Files provide the data.

The ACS data are supplemented by building permit data from the U.S. Census Bureau, population and housing data from the California Department of Finance, and home price and rental rates from Zillow.

U.S. Census Bureau. American Community Survey 1-year and 5-year Summary Files. https://www. census.gov/programs-surveys/acs/data/data-via-ftp.html. The 1-year data are released in September each year and the 5-year data are relased in January.

Zillow Research Data https://www.zillow.com/research/data/

U.S. Census Bureau. Building Permits Data, updated annually in February. https://www.census.gov/construction/bps/current.html

State of California, Department of Finance, E-5 Population and Housing Estimates for Cities, Counties and the State — January 1. Sacramento, California, May. https://dof.ca.gov/forecasting/demographics/ estimates/

State of California, Department of Finance, E-2. California County Population Estimates and Components of Change by Year, July 1, 2010-2021. Sacramento, California, December. https://dof.ca. gov/forecasting/demographics/

State of California, Department of Finance, E-1 Population Estimates for Cities, Counties and the State with Annual Percent Change — January 1. Sacramento, California, May. https://dof.ca.gov/forecasting/demographics/